



LOW PROFILE, SMALL FORM FACTOR

The TW-875 TSM Ghost™ radio is highly portable, and features a built-in battery that provides significant flexibility in deploying and enhancing TSM™ networks. The TSM network extends beyond dismounted users, where TSM Ghost radios provide access to a wide range of platforms and can be deployed as network relays.

Low-profile TSM Ghost radios deliver cost-effective situational awareness and real-time data through its continuous Position Location Information (PLI) reporting and IP data capabilities. The radio features a GPS antenna, RF antenna, and USB data connectors, all compatible with TSM Shadow® radio accessories. The radio also includes a power connector for battery charges and accepting external power.

RELIABLE IN HARSH CONDITIONS

TrellisWare's TSM waveform provides the only Mobile Ad-hoc Networking (MANET) solution with field-proven, cutting-edge Barrage Relay™ technology. This innovative technology uses unique digital signal processing and cooperative combining techniques to take advantage of multipath reflections and relays in harsh RF environments. This enables massive scalability and fast network adaptability.



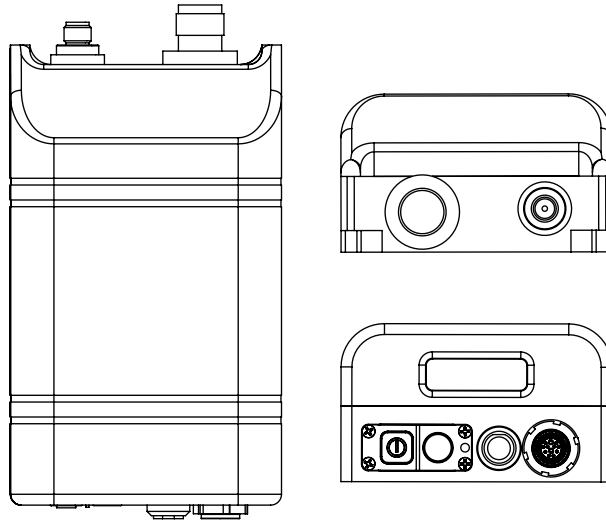
WWW.TRELLISWARE.COM
SALES@TRELLISWARE.COM
858.753.1600

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DS-875-001r4

TW-875



TW-875 TSM GHOST RADIO SPECIFICATIONS

Size:	4.06" (H) x 2.50" (W) x 1.46" (D)
Weight (R/T only):	16 oz
Frequency Range:	L-UHF: 225–450 MHz U-UHF: 698–970 MHz, L/S Bands: 1250–2600 MHz
Configurable Bandwidth:	1.2, 4, 10, 20, 40 MHz
Transmit Power:	100 mW, 250 mW, 500 mW, 1 W, 2 W
Environmental:	MIL-STD-810G
Operating Temperature Range:	-20C to +55C
Water Resistant:	IP68
Connectors:	USB On-the-Go, RF TNC, GPS SMA
Power Input:	5 V to 20 V
Data Rate:	Pt. to Pt., up to 16 Mbps (1-hop)
Waveform:	TSM Release 6

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